

NOT
CONSIDERED
-BSP

Sheet 1 of 8

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302US1	Application No. 10/070,006
Information Disclosure Statement by Applicant (use several sheets if necessary)		Applicant Gilbert Wolrich et al.	
		Filing Date February 28, 2002	Group Art Unit 2186

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	20020053017	05/02/2002	Adiletta et al.			
	AB	20020056037	05/09/2002	Wolrich et al.			
	AC	20030041228	02/27/2003	Rosenbluth et al.			
	AD	20030145159	07/31/2003	Adiletta et al.			
	AE	20030191866	10/09/2003	Wolrich et al.			
	AF	20040039895	02/26/2004	Wolrich et al.			
	AG	20040054880	03/18/2004	Bernstein et al.			
	AH	20040071152	04/15/2004	Wolrich et al.			
	AI	20040073728	04/15/2004	Wolrich et al.			
	AJ	20040073778	04/15/2004	Adiletta et al.			
	AK	20040098496	05/20/2004	Wolrich et al.			
	AL	20040109369	06/10/2004	Wolrich et al.			
	AM	20040205747	10/14/2004	Bernstein et al.			
	AN	3373408	03/12/1968	Ling			
	AO	3478322	11/11/1969	Evans			
	AP	3792441	02/12/1974	Wymore et al.			
	AQ	3913074	10/14/1975	Homberg et al.			
	AR	3940745	02/24/1976	Sajeva			
	AS	4130890	12/19/1978	Adam			
	AT	4392758	07/12/1983	Bowles et al.			
	AU	4400770	08/23/1983	Chan et al.			
	AV	4514807	04/30/1985	Nogi			
	AW	4523272	06/11/1985	Fukunaga et al.			
	AX	4724521	02/09/1988	Carron et al.			
	AY	4745544	05/17/1988	Renner et al.			
	AZ	4777587	10/11/1988	Case et al.			
	AAA	4866664	09/12/1989	Burkhardt Jr. et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	NOT CONSIDERED - BOP	Sheet 2 of 8
Information Disclosure Statement by Applicant <small>(use several sheets if necessary)</small>		FEB 23 2006		
		16 CFR §1.98(b)(4) TRADE SECRETS		
		Attorney's Docket No. 10559-302US1	Application No. 10/070,006	
Applicant		Gilbert Wolrich et al.		
Filing Date		February 28, 2002 Group Art Unit 2186		

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	5073864	12/17/1991	Methvin et al.			
	ACC	5140685	08/18/1992	Sipple et al.			
	ADD	5142683	08/25/1992	Burkhardt Jr. et al.			
	AEE	5155831	10/13/1992	Emma et al.			RECEIVED
	AFF	5155854	10/13/1992	Flynn et al.			FEB 28 2006
	AGG	5168555	12/01/1992	Byers et al.			
	AHH	5173897	12/22/1992	Schrodi et al.			Technology Center 2100
	AII	5255239	10/19/1993	Taborn et al.			
	AJJ	5263169	11/16/1993	Genusov et al.			
	AKK	5347648	09/13/1994	Stamm et al.			
	ALL	5357617	10/18/1994	Davis et al.			
	AMM	5367678	11/22/1994	Lee et al.			
	ANN	5390329	02/14/1995	Gaertner et al.			
	AOO	5392391	02/21/1995	Caulk Jr. et al.			
	APP	5392411	02/21/1995	Ozaki			
	AQQ	5392412	02/21/1995	McKenna			
	ARR	5404464	04/04/1995	Bennett			
	ASS	5404482	04/04/1995	Stamm et al.			
	ATT	5428809	06/27/1995	Coffin et al.			
	AUU	5432918	07/11/1995	Stamm			
	AVV	5442756	08/15/1995	Grochowski et al.			
	AWW	5448702	09/05/1995	Garcia Jr. et al.			
	AXX	5450351	09/12/1995	Heddes			
	AYY	5452437	09/19/1995	Richey et al.			
	AZZ	5459842	10/17/1995	Begun et al.			
	AAAA	5463625	10/31/1995	Yasrebi			
	ABBB	5467452	11/14/1995	Blum et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

NOT CONSIDERED
-BX-

Sheet 3 of 8

Substitute Form PTO-1449 <i>44 CFR §1.98(b)</i>	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302US1	Application No. 10/070,006
Information Disclosure Statement by Applicant (use several sheets if necessary)		Applicant Gilbert Wolrich et al.	
		Filing Date February 28, 2002	Group Art Unit 2186

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ACCC	5481683	01/02/1996	Karim			
	ADDD	5487159	01/23/1996	Byers et al.			
	AEEE	5517628	05/14/1996	Morrison et al.			
	AFFF	5517648	05/14/1996	Bertone et al.			RECEIVED
	AGGG	5542070	07/30/1996	LeBlanc et al.			FEB 28 2006
	AHHH	5542088	07/30/1996	Jennings Jr. et al.			
	AIII	5544236	08/06/1996	Andruska et al.			Technology Center 2100
	AJJJ	5550816	08/27/1996	Hardwick et al.			
	AKKK	5557766	09/17/1996	Takiguchi et al.			
	ALLL	5568617	10/22/1996	Kametani			
	AMMM	5574922	11/12/1996	James			
	ANNN	5574939	11/12/1996	Keckler et al.			
	AOOO	5592622	01/07/1997	Isfeld et al.			
	APPP	5606676	02/25/1997	Grochowski et al.			
	AQQQ	5613071	03/18/1997	Rankin et al.			
	ARRR	5613136	03/18/1997	Casavant et al.			
	ASSS	5623489	04/22/1997	Cotton et al.			
	ATTT	5627829	05/06/1997	Gleeson et al.			
	AUUU	5630130	05/13/1997	Perotto et al.			
	AVVV	5644623	07/01/1997	Gulledge			
	AWWW	5649157	07/15/1997	Williams			
	AXXX	5659687	08/19/1997	Kim et al.			
	AYYY	5659722	08/19/1997	Blaner et al.			
	AZZZ	5680641	10/21/1997	Sidman			
	AAAAA	5689566	11/18/1997	Nguyen			
	ABBBB	5692167	11/25/1997	Grochowski et al.			
	ACCCC	5699537	12/16/1997	Sharangpani et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

*NOT
CONSIDERED
-BSP*

Sheet 4 of 8

Substitute Form PTO-1449 (Modifed)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302US1	Application No. 10/070,006
Information Disclosure Statement by Applicant (use several sheets if necessary)		Applicant Gilbert Wolrich et al.	
		Filing Date February 28, 2002	Group Art Unit 2186
37 CFR §1.98(b) TRADEMAKES			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ADDDD	5717898	02/10/1998	Kagan et al.			
	AEEEE	5721870	02/24/1998	Matsumoto			
	AFFFF	5742587	04/21/1998	Zornig et al.			
	AGGGG	5742782	04/21/1998	Ito et al.			
	AHHHH	5742822	04/21/1998	Motomura			
	AIIII	5745913	04/28/1998	Pattin et al.			
	AJJJJ	5751987	05/12/1998	Mahant-Shetti et al.			
	AKKKK	5761507	06/02/1998	Govett			
	ALLLL	5761522	06/02/1998	Hisanaga et al.			
	AMMMM	5781774	07/14/1998	Krick			
	ANNNN	5784649	07/21/1998	Begur et al.			
	AOOOO	5784712	07/21/1998	Byers et al.			
	APPPP	5796413	08/18/1998	Shipp et al.			
	AQQQQ	5797043	08/18/1998	Lewis et al.			
	ARRRR	5809235	09/15/1998	Sharma et al.			
	ASSSS	5809530	09/15/1998	Samra et al.			
	ATTTT	5812839	09/22/1998	Hoyt et al.			
	AUUUU	5812868	09/22/1998	Moyer et al.			
	AVVVV	5828746	10/27/1998	Ardon			
	AWWWW	5828863	10/27/1998	Barrett et al.			
	AXXXX	5832215	11/03/1998	Kato et al.			
	AYYYY	5835755	11/10/1998	Stellwagen Jr.			
	AZZZZ	5854922	12/29/1998	Gravenstein et al.			
	AAAAAA	5860158	01/12/1999	Pai et al.			
	BBBBBB	5886992	03/23/1999	Raatikainen et al.			
	ACCCCC	5887134	03/23/1999	Ebrahim			
	ADDDED	5890208	03/30/1999	Kwon			

Examiner Signature	Date Considered
--------------------	-----------------

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*NOT
CONSIDERED - BY
Sheet 5 of 8*

Substitute Form PTO-1449
(Modified)

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.
10559-302US1

Application No.
10/070,006

O I P E
Information Disclosure Statement
by Applicant
FEB 28 2006
(Use several sheets if necessary)
(37 CFR §1.98(e))

Applicant
Gilbert Wolrich et al.

Filing Date
February 28, 2002

Group Art Unit
2186

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AEEEEEE	5892979	04/06/1999	Shiraki et al.			
	AFFFFFF	5905876	05/18/1999	Pawlowski et al.			
	AGGGGGG	5905889	05/18/1999	Wilhelm Jr.			
	AHHHHHH	5915123	06/22/1999	Mirskey et al.			
	AIIIII	5933627	08/03/1999	Parady			
	AJJJJJJ	5937187	08/10/1999	Kosche et al.			
	AKKKKKK	5938736	08/17/1999	Muller et al.			
	ALLLLL	5940612	08/17/1999	Brady et al.			
	AMMMMM	5940866	08/17/1999	Chisholm et al.			
	ANNNNN	5946487	08/31/1999	Dangelo			
	AOOOOO	5948081	09/07/1999	Foster			
	APPPPPP	5951679	09/14/1999	Anderson et al.			
	AQQQQQ	5958031	09/28/1999	Kim			
	ARRRRR	5961628	10/05/1999	Nguyen et al.			
	ASSSSSS	5970013	10/19/1999	Fischer et al.			
	ATTTTT	5978838	11/02/1999	Mohamed et al.			
	AUUUUU	5983274	11/09/1999	Hyder et al.			
	AVVVVV	5996068	11/30/1999	Dwyer III et al.			
	AWWWWW	6002881	12/14/1999	York et al.			
	AXXXXXX	6009515	12/28/1999	Steele Jr.			
	AYYYYYY	6012151	01/04/2000	Mano			
	AZZZZZ	6014729	01/11/2000	Lannan et al.			
	AAAAAAA	6023742	02/08/2000	Ebeling et al.			
	ABBBBBBB	6029228	02/22/2000	Cai et al.			
	ACCCCCC	6058168	05/02/2000	Braband			
	ADDDDDD	6058465	05/02/2000	Nguyen			
	AEEEEEE	6067585	05/23/2000	Hoang			

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*NOT
CONSIDERED*

- BY

Sheet 6 of 8

Substitute Form PTO-1449
(Modifications)

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.
10559-302US1

Application No.
10/070,006

OIE
Information Disclosure Statement
by Applicant
FEB 28 2006
(use several sheets if necessary)

37 CFR §1.98(b)

Applicant
Gilbert Wolrich et al.

Filing Date
February 28, 2002
Group Art Unit
2186

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AFFFFFFF	6070231	05/30/2000	Ottinger			
	AGGGGGGG	6072781	06/06/2000	Feeney et al.			
	AHHHHHHH	6073215	06/06/2000	Snyder			
	AIIIIIII	6076158	06/13/2000	Sites et al.			
	AJJJJJJJ	6079008	06/20/2000	Clery III			
	AKKKKKKK	6079014	06/20/2000	Papworth et al.			
	ALLLLLLL	6085215	07/04/2000	Ramakrishnan et al.			
	AMMMMMMM	6085294	07/04/2000	Van Doren et al.			
	ANNNNNNN	6092127	07/18/2000	Tausheck			
	AOOOOOOO	6092158	07/18/2000	Harriman et al.			
	APPPPPPP	6092175	07/18/2000	Levy et al.			
	AQQQQQQQ	6112016	08/29/2000	MacWilliams et al.			
	ARRRRRRR	6115811	09/05/2000	Steele Jr.			
	ASSSSSSS	6134665	10/17/2000	Klein et al.			
	ATTTTTTT	6141689	10/31/2000	Yasrebi			
	AUUUUUUU	6141765	10/31/2000	Sherman			
	AVVVVVVV	6144669	11/07/2000	Williams et al.			
	AWWWWWWW	6145054	11/07/2000	Mehrotra et al.			
	AXXXXXXX	6157955	12/05/2000	Narad et al.			
	AYYYYYYY	6160562	12/12/2000	Chin et al.			
	AZZZZZZZ	6182177	01/30/2001	Harriman			
	AAAAAAA	6195676	02/27/2001	Spix et al.			
	ABBBBBBB	6199133	03/06/2001	Schnell			
	ACCCCCCC	6201807	03/18/2001	Prasanna			
	ADDDDDDD	6212542	04/03/2001	Kahle et al.			
	AEEEEEEE	6212611	04/03/2001	Nizar et al.			
	AFFFFFFF	6216220	04/10/2001	Hwang			

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

not
considered
-BJP

Sheet 7 of 8

Substitute Form PTO-1449
(Modified)

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.
10559-302US1

Application No.
10/070,006

Information Disclosure Statement
by Applicant

FEB 28 2006 (Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Gilbert Wolrich et al.

Filing Date
February 28, 2002

Group Art Unit
2186

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AGGGGGGG	6223207	04/24/2001	Lucovsky et al.			
	AHHHHHHH	6223238	04/24/2001	Meyer et al.			
	AIIIIIII	6223279	04/24/2001	Nishimura et al.			
	AJJJJJJJ	6247025	06/12/2001	Bacon			
	AKKKKKKK	6256713	07/03/2001	Audityan et al.			
	ALLLLLLL	6272616	08/07/2001	Fernando et al.			
	MMMMMM	6275505	08/14/2001	O'Loughlin et al.			
	ANNNNNNN	6279113	08/21/2001	Vaidya			
	AOOOOOOO	6289011	09/11/2001	Seo et al.			
	APPPPPPP	6298370	10/02/2001	Tang et al.			
	AQQQQQQQ	6307789	10/23/2001	Wolrich et al.			
	ARRRRRRR	6324624	11/27/2001	Wolrich et al.			
	ASSSSSSS	6345334	02/05/2002	Nakagawa et al.			
	ATTTTTTT	6347344	02/12/2002	Baker et al.			
	AUUUUUUU	6351808	02/26/2002	Joy et al.			
	AVVVVVVV	6356962	03/12/2002	Kasper et al.			
	WWWWWW	6360262	03/19/2002	Guenther et al.			
	AXXXXXXX	6373848	04/16/2002	Allison et al.			
	YYYYYYYY	6389449	05/14/2002	Nemirovsky et al.			
	AZZZZZZZ	6393483	05/21/2002	Latif et al.			
	AAAAAAA	6415338	07/02/2002	Habot			
	ABBBBBBBB	6426940	07/30/2002	Seo et al.			
	ACCCCCCCC	6427196	07/30/2002	Adiletta et al.			
	ADDDDDDDD	6430626	08/06/2002	Witkowski et al.			
	EEEEEEEEE	6434145	08/13/2002	Opsasnick et al.			
	AFFFFFFF	6463072	10/08/2002	Wolrich et al.			
	AGGGGGGGC	6532509	03/11/2003	Wolrich et al.			

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

*NOT
CONSIDERED
-BJP*

Sheet 8 of 8

Substitute Form PTO-1449 <i>(Modifed)</i>	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302US1	Application No. 10/070,006
Information Disclosure Statement by Applicant FEB 28 2006 <i>(37 CFR §1.98)</i>		Applicant Gilbert Wolrich et al.	
		Filing Date February 28, 2002	Group Art Unit 2186

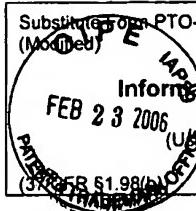
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AHHHHHHHHE	6552826	04/22/2003	Adler et al.			
	AIIIIIIIII	6560667	05/06/2003	Wolrich et al.			
	AJJJJJJJJJ	6577542	06/10/2003	Wolrich et al.			
	AKKKKKKKKI	6584522	06/24/2003	Wolrich et al.			
	ALLLLLLL	6587906	07/01/2003	Wolrich et al.			
	IMMMMMMM	6606704	08/12/2003	Adiletta et al.			
	ANNNNNNN	6625654	09/23/2003	Wolrich et al.			Technology Center 2100
	AOOOOOOOOC	6629237	09/30/2003	Wolrich et al.			
	APPPPPPP	6631430	10/07/2003	Wolrich et al.			
	AQQQQQQQOC	6631462	10/07/2003	Wolrich et al.			
	ARRRRRRRRR	6661794	12/09/2003	Wolrich et al.			
	ASSSSSSS	6667920	12/23/2003	Wolrich et al.			
	ATTTTTTT	6668317	12/23/2003	Bernstein et al.			
	AUUUUUUUUU	6681300	01/20/2004	Wolrich et al.			
	AVVVVVVVV	6694380	02/17/2004	Wolrich et al.			

RECEIVED

FEB 28 2006

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

 <p>Substitute Form PTO-1449 (Modified)</p> <p>Information Disclosure Statement by Applicant (Use several sheets if necessary)</p> <p>PATENT COPIES RECEIVED FEB 23 2006 U.S. PATENT AND TRADEMARK OFFICE SEARCHER S1.98/DOE</p>	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302US1	Application No. 10/070,006
	Applicant Gilbert Wolrich et al.		
	Filing Date February 28, 2002	Group Art Unit 2186 Z189	

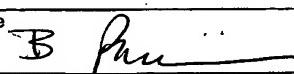
U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	09/473,571	12/28/1999	Wolrich et al.			
	AB	09/475,614	12/30/1999	Wolrich et al.			
	AC	09/476,303	12/30/1999	Wolrich et al.			
	AD	09/387,109	08/31/1999	Adiletta et al.			
	AE	09/747,019	12/21/2000	Bernstein et al.			
	AF	4,023,023	05/10/1977	Bourrez et al.			
	AG	5,113,516	05/12/1992	Johnson			Technology Center 2100
	AH	5,363,448	11/08/1994	Koopman, Jr., et al.			
	AI	5,436,626	07/25/1995	Fujiwara et al.			
	AJ	5,600,812	02/04/1997	Park			
	AK	5,652,583	07/29/1997	Kang			
	AL	5,717,760	02/10/1998	Satterfield			

RECEIVED

FEB 28 2006

Technology Center 2100

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
BJP	AM	WO 01/16697	03/2001	WIPO			
	AN	WO 01/16698	03/2001	WIPO			
	AO	WO 01/16702	03/2001	WIPO			
	AP	WO 01/16703	03/2001	WIPO			
	AQ	WO 01/16713	03/2001	WIPO			
	AR	WO 01/16714	03/2001	WIPO			
	AS	WO 01/16715	03/2001	WIPO			
	AT	WO 01/16716	03/2001	WIPO			
	AU	WO 01/16722	03/2001	WIPO			
BJP	AV	WO 01/18646	03/2001	WIPO			

Examiner Signature 	Date Considered 5/10/06
---	----------------------------

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Revised)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302US1	Application No. 10/070,006
Information Disclosure Statement by Applicant <i>FEB 28 2006</i> (Use several sheets if necessary) (37 CFR §1.95(e))		Applicant Gilbert Wolrich et al.	
		Filing Date February 28, 2002	Group Art Unit 2186 2189

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
BSP	AA	WO 01/50679	07/12/2001	WIPO			
	AB	WO 01/50247	07/12/2001	WIPO			
	AC	WO 01/48619	07/05/2001	WIPO			
	AD	WO 01/48606	07/05/2001	WIPO			
	AE	WO 01/48599	07/05/2001	WIPO			
	AF	WO 01/48596	07/05/2001	WIPO			
	AG	WO 01/41530	06/14/2001	WIPO			
	AH	WO 01/16782	03/08/2001	WIPO			
	AI	WO 01/16770	03/08/2001	WIPO			
	AJ	WO 01/16769	03/08/2001	WIPO			
	AK	WO 01/16718	03/08/2001	WIPO			
BSP	AL	WO 01/16758	03/08/2001	WIPO			
	AM	WO 01/15718	03/08/2001	WIPO			
BSP	AN	WO 97/38372	10/16/1997	WIPO			
	AO	WO 94/15287	07/07/1994	WIPO			
	AP	EP 0 809 180	11/26/1997	Europe			
	AQ	EP 0 745 933	12/04/1996	Europe			
	AR	EP 0 633 678	01/11/1995	Europe			
	AS	EP 0 464 715	01/08/1992	Europe			
BSP	AT	EP 0 379 709	08/01/1990	Europe			
	AU	59111533	06/27/1984	Japan			

RECEIVED

FEB 28 2006

Technology Center 2100

Other Documents (include Author, Title, Date, and Place of Publication)			
Examiner Initial	Desig. ID	Document	
BSP	AV	Agarwal et al., "April: A Processor Architecture for Multiprocessing," Proceedings of the 17 th Annual International Symposium on Computer Architecture, IEEE, pp. 104-114.	
BSP	AW	Byrd et al., "Multithread Processor Architectures," <i>IEEE Spectrum</i> , Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.	
BSP	AX	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 nd ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.	

Examiner Signature <i>BSP</i>	Date Considered 5/10/06
----------------------------------	----------------------------

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 <i>Amended</i> OCT 2006 FEB 23 2006 (37 CFR §1.96(e))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302US1	Application No. 10/070,006
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Gilbert Wolrich et al.	RECEIVED FEB 28 2006
		Filing Date February 28, 2002	Group Art Unit 2186 2189

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
BJP	AY	Farkas et al., "The multicluster architecture: reducing cycle time through partitioning," IEEE, vol. 30, December 1997, pp. 149-159.
	AZ	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.
	AAA	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
	ABB	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," IEEE Symposium on FPGAs for Custom Computing Machines, 1998.
	ACC	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1997.
	ADD	Hennessy et al., "Computer Organization and Design: The Hardware/Software Interface," Morgan Kaufman Publishers, pp. 476-482 (1998).
	AEE	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.
	AFF	Keckler et al., "Exploiting fine grain thread level parallelism on the MIT multi-ALU processor," IEEE, June 1998.
	AGG	Litch et al., "StrongARMing Portable Communications," IEEE Micro, 1998, pp. 48-55.
	AHH	Mendelson et al., "Design Alternatives of Multithreaded Architecture," <i>International Journal of Parallel Programming</i> , vol. 27, no. 3, Plenum Press, New York, USA, June 1999, pp. 161-193.
	AII	Paver et al., "Register Locking in Asynchronous Processor Computer Design: VLSI Processors," <i>ICCD '92 Proceedings</i> , IEEE 1992 International Conference, 1992, pp. 385-398.
	AJJ	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.
	AKK	Thistleton et al., "A Processor Architecture for Horizon," IEEE, 1998, pp. 35-41.
	ALL	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 th Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.
	AMM	Trimberger et al., "A time-multiplexed FPGA," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1998.
	ANN	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.
	AOO	Vibhatavaniit et al., "Simultaneous Multithreading-Based Routers," Proceedings of the 2000 International Conference of Parallel Processing, Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.
	APP	Waldspurger et al., "Register Relocation: Flexible Contents for Multithreading," Proceedings of the 20 th Annual International Symposium on Computer Architecture, 1993, pp. 120-130.
	AQQ	Wazlowski et al., "PRSIM-II computer and architecture," IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines, 1993.
	ARR	Wadler. "The Concatenate Vanishes". University of Glasgow, November 1989, pp. 1-7.
BJP	ASS	Schmidt et al. "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems". Submitted to <i>Journal of Parallel and Distributed Computing</i> , pp. 1-19.

Examiner Signature <i>B. H.</i>	Date Considered 5/10/06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302US1	Application No. 10/070,006
Information Disclosure Statement FEB 28 2006 <i>w</i> <small>(Use several sheets if necessary)</small>		Applicant Gilbert Wolrich et al.		
		Filing Date February 28, 2002	Group Art Unit 2186 2189	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
BJP	ATT	Moors, et al. "Cascading Content – Addressable Memories. IEEE 12(3):56-66, June 1992.
BJP	AUU	"HART Field Communication Protocol – Application Guide". HART Communications Foundation, pp. 1-74, 1999.

RECEIVED
FEB 28 2006

Technology Center 2100

Examiner Signature <i>Bher</i>	Date Considered 5/10/06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 10559302US1	Application No. 10/070,006
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Albert Wolrich et al.	
(37 CFR §1.98(b))		Filing Date February 28, 2002	Group Art Unit 2186

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	09/473,571	12/28/1999	Wolrich et al.			
	AB	09/475,614	12/30/1999	Wolrich et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

DUPLICATE

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	No
	AH	WO 01/16697	03/2001	WIPO				
	AI	WO 01/16698	03/2001	WIPO				
	AJ	WO 01/16702	03/2001	WIPO				
	AK	WO 01/16703	03/2001	WIPO				
	AL	WO 01/16713	03/2001	WIPO				
	AM	WO 01/16714	03/2001	WIPO				
	AN	WO 01/16715	03/2001	WIPO				
	AO	WO 01/16716	03/2001	WIPO				
	AP	WO 01/16722	03/2001	WIPO				
	AQ	WO 01/18646	03/2001	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AR	
	AS	
	AT	
	AU	

Examiner Signature	Date Considered
--------------------	-----------------

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	DOUBLE SHIFT INSTRUCTION FOR MICRO ENGINE USED IN MULTITHREADED PARALLEL PROCESSOR ARCHITECTURE						
Application Number:	10/070006						
Confirmation Number:	5728						
First Named Applicant:	Gilbert Wolrich						
Attorney Docket Number:	10559-302US1						
Art Unit:	2186						
Examiner:	Behzad Peikari						
Search string:	(5937187 or 5938736 or 5940612 or 5940866 or 5946487 or 5948087 or 5951679 or 5958031 or 5961628 or 5970015 or 5978838 or 5983274 or 5996068 or 6002881 or 6009515 or 6012151 or 6014729 or 6023742 or 6029228 or 6058168 or 6058465 or 6067585 or 6070231 or 6072781 or 6073215 or 6076158 or 6079008 or 6079014 or 6085215 or 6085294 or 6092127 or 6092158 or 6092175 or 6112016 or 6115811 or 6134665 or 6141689 or 6141765 or 6144669 or 6145054 or 6157955 or 6160562 or 6182177 or 6195676 or 6199133 or 6201807 or 6212542 or 6212611 or 6216220 or 6223207).pn.						
DUPLICATE							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5937187	1999-08-10	Kosche et al.			
	2	5938736	1999-08-17	Muller et al.			
	3	5940612	1999-08-17	Brady et al.			
	4	5940866	1999-08-17	Chisholm et al.			
	5	5946487	1999-08-31	Dangelo			
	6	5948081	1999-09-07	Foster			
	7	5951679	1999-09-14	Anderson et al.			
	8	5958031	1999-09-28	Kim			

DUPLICATE

9	5961628	1999-10-05	Nguyen et al.
10	5970013	1999-10-19	Fischer et al.
11	5978838	1999-11-02	Mohamed et al.
12	5983274	1999-11-09	Hyder et al.
13	5996068	1999-11-30	Dwyer III et al.
14	6002881	1999-12-14	York et al.
15	6009515	1999-12-28	Steele Jr.
16	6012151	2000-01-04	Mano
17	6014729	2000-01-11	Lannan et al.
18	6023742	2000-02-08	Ebeling et al.
19	6029228	2000-02-22	Cai et al.
20	6058168	2000-05-02	Braband
21	6058465	2000-05-02	Nguyen
22	6067585	2000-05-23	Hoang
23	6070231	2000-05-30	Ottinger
24	6072781	2000-06-06	Feeney et al.
25	6073215	2000-06-06	Snyder
26	6076158	2000-06-13	Sites et al.
27	6079008	2000-06-20	Clery III
28	6079014	2000-06-20	Papworth et al.
29	6085215	2000-07-04	Ramakrishnan et al.
30	6085294	2000-07-04	Van Doren et al.
31	6092127	2000-07-18	Tausheck
32	6092158	2000-07-18	Harriman et al.
33	6092175	2000-07-18	Levy et al.
34	6112016	2000-08-29	MacWilliams et al.
35	6115811	2000-09-05	Steele Jr.
36	6134665	2000-10-17	Klein et al.
37	6141685	2000-10-31	Yasrebi
38	6141785	2000-10-31	Sherman
39	6144669	2000-11-07	Williams et al.
40	6145054	2000-11-07	Mehrotra et al.
41	6157955	2000-12-05	Narad et al.
42	6170562	2000-12-12	Chin et al.
43	6182177	2001-01-30	Harriman
44	6195676	2001-02-27	Spix et al.

	45	6199133	2001-03-06	Schnell
	46	6201807	2001-03-18	Prasanna
	47	6212542	2001-04-03	Kahle et al.
	48	6212611	2001-04-03	Nizar et al.
	49	6216220	2001-04-10	Hwang
	50	6223207	2001-04-24	Lucovsky et al.

Signature

Examiner Name	Date

DUPPLICATE



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	DOUBLE SHIFT INSTRUCTION FOR MICRO ENGINE USED IN MULTITHREADED PARALLEL PROCESSOR ARCHITECTURE						
Application Number:	10/070006						
Confirmation Number:	5728						
First Named Applicant:	Gilbert Wolrich						
Attorney Docket Number:	10559-302US1						
Art Unit:	2186						
Examiner:	Behzad Peikari						
Search string:	(5568617 or 5574922 or 5574939 or 5592622 or 5606676 or 5613071 or 5613136 or 5623489 or 5627829 or 5630130 or 5644623 or 5649157 or 5659722 or 5680641 or 5689566 or 5692167 or 5699537 or 5717898 or 5721870 or 5742587 or 5742782 or 5742822 or 5745913 or 5751987 or 5761507 or 5761522 or 5781774 or 5784649 or 5784712 or 5796413 or 5797043 or 5809235 or 5809530 or 5812839 or 5812868 or 5828746 or 5828863 or 5832215 or 5835755 or 5854922 or 5860158 or 5886992 or 5887134 or 5890208 or 5892979 or 5905876 or 5905889 or 5915123 or 5933627 or 5659637).pn.						
DUPLICATE							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5568617	1996-10-22	Kametani			
	2	5574922	1996-11-12	James			
	3	5574939	1996-11-12	Keckler et al.			
	4	5592622	1997-01-07	Isfeld et al.			
	5	5606676	1997-02-25	Grochowski et al.			
	6	5613071	1997-03-18	Rankin et al.			
	7	5613136	1997-03-18	Casavant et al.			
	8	5623489	1997-04-22	Cotton et al.			

DUPLICATE

	9	5627829	1997-05-06	Gleeson et al.
	10	5630130	1997-05-13	Perotto et al.
	11	5644623	1997-07-01	Gulledge
	12	5649157	1997-07-15	Williams
	13	5659722	1997-08-19	Blaner et al.
	14	5680641	1997-10-21	Sidman
	15	5689566	1997-11-18	Nguyen
	16	5692167	1997-11-25	Grochowski et al.
	17	5699537	1997-12-16	Sharangpani et al.
	18	5717898	1998-02-10	Kagan et al.
	19	5721870	1998-02-24	Matsumoto
	20	5742587	1998-04-21	Zornig et al.
	21	5742782	1998-04-21	Ito et al.
	22	5742822	1998-04-21	Motomura
	23	5745913	1998-04-28	Pattin et al.
	24	5751987	1998-04-12	Mahant Shetti et al.
	25	5761507	1998-06-02	Govett
	26	5761522	1998-06-02	Hisanaga et al.
	27	5781774	1998-07-14	Krick
	28	5784649	1998-07-21	Begur et al.
	29	5784712	1998-07-21	Byers et al.
	30	5796413	1998-08-18	Shipp et al.
	31	5797043	1998-08-18	Lewis et al.
	32	5809235	1998-09-15	Sharma et al.
	33	5809530	1998-09-15	Samra et al.
	34	5812839	1998-09-22	Hoyt et al.
	35	5812868	1998-09-22	Moyer et al.
	36	5828746	1998-10-27	Ardon
	37	5828863	1998-10-27	Barrett et al.
	38	5832215	1998-11-03	Kato et al.
	39	5835755	1998-11-10	Stellwagen Jr.
	40	5854922	1998-12-29	Gravenstein et al.
	41	5860158	1999-01-12	Pai et al.
	42	5886992	1999-03-23	Raatikainen et al.
	43	5887134	1999-03-23	Ebrahim
	44	5890208	1999-03-30	Kwon

	45	5892979	1999-04-06	Shirak et al.
	46	5905876	1999-05-18	Pawlowski et al.
	47	5905889	1999-05-18	Wilhelm Jr.
	48	5915123	1999-06-22	Mirsky et al.
	49	5933627	1999-08-03	Parady
	50	5659687	1997-08-19	Kim et al.

Signature

Examiner Name	Date

DUPLiCATE



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DOUBLE SHIFT INSTRUCTION FOR MICRO ENGINE USED IN MULTITHREADED PARALLEL PROCESSOR ARCHITECTURE						
Application Number:	10/070006						
Confirmation Number:	5728						
First Named Applicant:	Gilbert Wolrich						
Attorney Docket Number:	10559-302US1						
Art Unit:	2186						
Examiner:	Behzad Peikari						
Search string:	(3373408 or 3478322 or 3792441 or 3913074 or 3940745 or 4130890 or 4392758 or 4400770 or 4514807 or 4523272 or 4724521 or 4745544 or 4777587 or 4866664 or 5073864 or 5140685 or 5142683 or 5155831 or 5155854 or 5168555 or 5173897 or 5255239 or 5263169 or 5347648 or 5357617 or 5367678 or 5390329 or 5392391 or 5392411 or 5392412 or 5404464 or 5404482 or 5428809 or 5432918 or 5442756 or 5448702 or 5450351 or 5452437 or 5459842 or 5463625 or 5467452 or 5481683 or 5487159 or 5517628 or 5517648 or 5542070 or 5542088 or 5544236 or 5550816 or 5557766 or 20020053017 or 20020056037 or 20030041228 or 20030145159 or 20030191866 or 20040039895 or 20040054880 or 20040071152 or 20040073728 or 20040073778 or 20040098496 or 20040109369 or 20040205747).pn.						
DUPLICATE							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3373408	1968-08-12	Ling			
	2	3478322	1969-11-11	Evans			
	3	3792441	1974-02-12	Wymore et al.			
	4	3913074	1975-01-14	Homberg et al.			

DUPPLICATE

5	3940745	1976-02-24	Sajev
6	4130890	1978-12-19	Adam
7	4392758	1983-07-12	Bowles et al.
8	4400770	1983-08-23	Chan et al.
9	4514807	1985-04-30	Nogi
10	4523272	1985-06-11	Fukunaga et al.
11	4724521	1988-02-09	Carron et al.
12	4745544	1988-05-17	Renner et al.
13	4777587	1988-10-11	Case et al.
14	4866664	1989-09-12	Burkhardt Jr. et al.
15	5073864	1991-12-17	Methvin et al.
16	5140685	1992-08-18	Sipple et al.
17	5142683	1992-08-25	Burkhardt Jr. et al.
18	5155831	1992-10-13	Emma et al.
19	5155854	1992-10-13	Flynn et al.
20	5168555	1992-12-01	Byers et al.
21	5173897	1992-12-22	Schrodi et al.
22	5255239	1993-10-19	Taborn et al.
23	5263169	1993-11-16	Genusov et al.
24	5347648	1994-09-13	Stamm et al.
25	5357617	1994-10-18	Davis et al.
26	5367678	1994-11-22	Lee et al.
27	5390329	1995-02-14	Gaertner et al.
28	5392391	1995-02-21	Caulk Jr. et al.
29	5392411	1995-02-21	Ozaki
30	5392412	1995-02-21	McKenna
31	5404464	1995-04-04	Bennett
32	5404482	1995-04-04	Stamm et al.
33	5428809	1995-06-27	Coffin et al.
34	5432918	1995-07-11	Stamm
35	5442756	1995-08-15	Grochowski et al.
36	5448702	1995-09-05	Garcia Jr. et al.
37	5450351	1995-09-12	Heddes
38	5452437	1995-09-19	Richey et al.
39	5459842	1995-10-17	Begun et al.
40	5463625	1995-10-31	Yasrebi
41	5467456	1995-11-14	Blum et al.

DUPLICATE

	42	5481683	1996-01-02	Karin
	43	5487159	1996-01-23	Byers et al.
	44	5517628	1996-05-14	Morrison et al.
	45	5517648	1996-05-14	Bertone et al.
	46	5542070	1996-07-30	LeBlanc et al.
	47	5542088	1996-07-30	Jennings Jr. et al.
	48	5544236	1996-08-06	Andruska et al.
	49	5550816	1996-08-27	Hardwick et al.
	50	5557766	1996-09-17	Takiguchi et al.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020053017	2002-05-02	Adiletta et al.			
	2	20020056037	2002-05-09	Wolrich et al.			
	3	20030041228	2003-02-27	Rosenbluth et al.			
	4	20030145159	2003-07-31	Adiletta et al.			
	5	20030191866	2003-10-09	Wolrich et al.			
	6	20040039895	2004-02-26	Wolrich et al.			
	7	20040054880	2004-03-18	Bernstein et al.			
	8	20040071152	2004-04-15	Wolrich et al.			
	9	20040073728	2004-04-15	Wolrich et al.			
	10	20040073778	2004-04-15	Adiletta et al.			
	11	20040098496	2004-05-20	Wolrich et al.			
	12	20040109369	2004-06-10	Wolrich et al.			
	13	20040205747	2004-10-14	Bernstein et al.			

Signature

Examiner Name	Date



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	DOUBLE SHIFT INSTRUCTION FOR MICRO ENGINE USED IN MULTITHREADED PARALLEL PROCESSOR ARCHITECTURE																																																																																
<p>Application Number: 10/070006 Confirmation Number: 5728 First Named Applicant: Gilbert Wolrich Attorney Docket Number: 10559-302US1 Art Unit: 2186 Examiner: Behzad Peikari Search string: (6223238 or 6223279 or 6247025 or 6256713 or 6272616 or 6275505 or 6279113 or 6289011 or 6298370 or 6307789 or 6324624 or 6345334 or 6347344 or 6351808 or 6356962 or 6373848 or 6360262 or 6389449 or 6393483 or 6415338 or 6426940 or 6427196 or 6430626 or 6434145 or 6463072 or 6532509 or 6552826 or 6560667 or 6577542 or 6584522 or 6587906 or 6606704 or 6625654 or 6629237 or 6631430 or 6631462 or 6661794 or 6667920 or 6668317 or 6681300 or 6694380),n.</p>																																																																																	
<p>DUPLICATE</p> <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>1</td><td>6223238</td><td>2001-04-24</td><td></td><td>Meyer et al.</td><td></td><td></td><td></td></tr><tr><td>2</td><td>6223279</td><td>2001-04-24</td><td></td><td>Nishimura et al.</td><td></td><td></td><td></td></tr><tr><td>3</td><td>6247025</td><td>2001-06-12</td><td></td><td>Bacon</td><td></td><td></td><td></td></tr><tr><td>4</td><td>6256713</td><td>2001-07-03</td><td></td><td>Audityan et al.</td><td></td><td></td><td></td></tr><tr><td>5</td><td>6272616</td><td>2001-08-07</td><td></td><td>Fernando et al.</td><td></td><td></td><td></td></tr><tr><td>6</td><td>6275505</td><td>2001-08-14</td><td></td><td>O Loughlin et al.</td><td></td><td></td><td></td></tr><tr><td>7</td><td>6279113</td><td>2001-08-21</td><td></td><td>Vaidya</td><td></td><td></td><td></td></tr><tr><td>8</td><td>6289013</td><td>2001-09-11</td><td></td><td>Seo et al.</td><td></td><td></td><td></td></tr><tr><td>9</td><td>6298370</td><td>2001-10-02</td><td></td><td>Tang et al.</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	1	6223238	2001-04-24		Meyer et al.				2	6223279	2001-04-24		Nishimura et al.				3	6247025	2001-06-12		Bacon				4	6256713	2001-07-03		Audityan et al.				5	6272616	2001-08-07		Fernando et al.				6	6275505	2001-08-14		O Loughlin et al.				7	6279113	2001-08-21		Vaidya				8	6289013	2001-09-11		Seo et al.				9	6298370	2001-10-02		Tang et al.			
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																										
1	6223238	2001-04-24		Meyer et al.																																																																													
2	6223279	2001-04-24		Nishimura et al.																																																																													
3	6247025	2001-06-12		Bacon																																																																													
4	6256713	2001-07-03		Audityan et al.																																																																													
5	6272616	2001-08-07		Fernando et al.																																																																													
6	6275505	2001-08-14		O Loughlin et al.																																																																													
7	6279113	2001-08-21		Vaidya																																																																													
8	6289013	2001-09-11		Seo et al.																																																																													
9	6298370	2001-10-02		Tang et al.																																																																													

	10	6307789	2001-10-23	Wolrich et al.
	11	6324624	2001-11-27	Wolrich et al.
	12	6345334	2002-02-05	Nakagawa et al.
	13	6347344	2002-02-12	Baker et al.
	14	6351808	2002-02-26	Joy et al.
	15	6356962	2002-03-12	Kasper et al.
	16	6373848	2002-04-16	Allison et al.
	17	6360262	2002-03-19	Guenther et al.
	18	6389449	2002-05-14	Nemirovsky et al.
	19	6393483	2002-05-21	Latif et al.
	20	6415338	2002-07-02	Habot
	21	6426940	2002-07-30	Seo et al.
	22	6427196	2002-07-30	Adiletta et al.
	23	6430626	2002-08-06	Witkowski et al.
	24	6434145	2002-08-13	Opsasnick et al.
	25	6463072	2002-10-08	Wolrich et al.
	26	6532509	2003-03-11	Wolrich et al.
	27	6552826	2003-04-22	Adler et al.
	28	6560667	2003-05-06	Wolrich et al.
	29	6577542	2003-06-10	Wolrich et al.
	30	6584522	2003-06-24	Wolrich et al.
	31	6587906	2003-07-01	Wolrich et al.
	32	6606704	2003-08-12	Adiletta et al.
	33	6625654	2003-09-23	Wolrich et al.
	34	6629237	2003-09-30	Wolrich et al.
	35	6631430	2003-10-07	Wolrich et al.
	36	6631462	2003-10-07	Wolrich et al.
	37	6661794	2003-12-09	Wolrich et al.
	38	6667920	2003-12-23	Wolrich et al.
	39	6668317	2003-12-23	Bernstein et al.
	40	6681300	2004-01-20	Wolrich et al.
	41	6694380	2004-02-17	Wolrich et al.

DUPLiCATe

Signature

Examiner Name	Date
---------------	------

Substitute Form PTO-1449 <i>(Modified)</i>	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-302TS1	Application No. 10/070,006
Information Disclosure Statement by Applicant <i>SUN 04 2004</i> (Use several sheets if necessary) (37 CFR §1.56(b))		Applicant Gilbert Wallrich et al.	
		Filing Date February 28, 2002	Group Art Unit 2186

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AA	WO 01/50679	07/12/2001	WIPO			
	AB	WO 01/50247	07/12/2001	WIPO			
	AC	WO 01/48619	07/05/2001	WIPO			
	AD	WO 01/48606	07/05/2001	WIPO			
	AE	WO 01/48599	07/05/2001	WIPO			
	AF	WO 01/48596	07/05/2001	WIPO			
	AG	WO 01/41530	06/14/2001	WIPO			
	AH	WO 01/16782	03/08/2001	WIPO			
	AI	WO 01/16770	03/08/2001	WIPO			
	AJ	WO 01/16769	03/08/2001	WIPO			
	AK	WO 01/16718	03/08/2001	WIPO			
	AL	WO 01/15718	03/08/2001	WIPO			
	AM	WO 97/38372	10/16/1997	WIPO			
	AN	WO 94/15287	07/07/1994	WIPO			
	AO	EP 0 809 180	11/26/1997	Europe			
	AP	EP 0 745 933	12/04/1996	Europe			
	AQ	EP 0 633 678	01/11/1996	Europe			
	AR	EP 0 464 715	01/08/1992	Europe			
	AS	EP 0 379 709	08/01/1990	Europe			
	AT	59111533	06/27/1984	Japan			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AU	Agarwal et al., "April: A Processor Architecture for Multiprocessing," Proceedings of the 17 th Annual International Symposium on Computer Architecture, IEEE, pp. 104-114.
	AV	Byrd et al., "Multithread Processor Architectures," <i>IEEE Spectrum</i> , Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.
	AW	Chang et al., "A New Mechanism For Improving Branch Predictor Performance," IEEE, pp. 22-31 (1994).

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

DUPLICATE

Sheet 2 of 2

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney/Docket No.
10559302US1Application No.
10/070,006Information Disclosure Statement
by Applicant
(Use several sheets if necessary)Applicant
Gilbert Wolrich et al.

(37 CFR §1.98(b))

Filing Date
February 28, 2002Group Art Unit
2186**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AX	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 nd ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.
	AY	Farkas et al., "The multicluster architecture: reducing cycle time through partitioning," IEEE, vol. 30, December 1997, pp. 149-159.
	AZ	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.
	AAA	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
	ABB	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," IEEE Symposium on FPGAs for Custom Computing Machines, 1998.
	ACC	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1997.
	ADD	Hennessy et al., "Computer Organization and Design: The Hardware/Software Interface," Morgan Kaufman Publishers, pp. 476-482 (1998).
	AEE	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.
	AFF	Intel, "IA-64 Application Developer's Architecture Guide," Rev.1.0, May 1999, pp. 2-2, 4-29 to 4-31, 7-116 to 7-118 and c-21.
	AGG	Keckler et al., "Exploiting fine grain thread level parallelism on the MIT multi-ALU processor," IEEE, June 1998.
	AHH	Litch et al., "StrongARMing Portable Communications," IEEE Micro, 1998, pp. 48-55.
	AII	Mendelson et al., "Design Alternatives of Multithreaded Architecture," <i>International Journal of Parallel Programming</i> , vol. 27, no. 3, Plenum Press, New York, USA, June 1999, pp. 161-193.
	AJJ	Paver et al., "Register Locking in Asynchronous Processor Computer Design: VLSI Processors," ICCD '92 Proceedings, IEEE 1992 International Conference, 1992, pp. 385-398.
	AKK	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.
	ALL	Thistle et al., "A Processor Architecture for Horizon," IEEE, 1998, pp. 35-41.
	AMM	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 th Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.
	ANN	Trimberger et al., "A time-multiplexed FPGA," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1998.
	AOO	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.
	APP	Vibhatavani et al., "Simultaneous Multithreading-Based Routers," Proceedings of the 2000 International Conference of Parallel Processing, Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.
	AQQ	Waldspurger et al., "Register Relocation: Flexible Contents for Multithreading," Proceedings of the 20 th Annual International Symposium on Computer Architecture, 1993, pp. 120-130
	ARR	Wazlowski et al., "PRSIM-II computer and architecture," IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines, 1993.

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.